

Title (en)  
CHARGING CONTROL DEVICE, CHARGING CONTROL METHOD AND WIRELESS POWER RECEIVING DEVICE EQUIPPED WITH SAME

Title (de)  
LADESTEUERUNGSVORRICHTUNG, LADESTEUERUNGSVERFAHREN UND DRAHTLOSE STROMEMPFANGSVORRICHTUNG DAMIT

Title (fr)  
PROCÉDÉ ET DISPOSITIF DE COMMANDE CHARGE ET DISPOSITIF DE RÉCEPTION DE PUISSANCE SANS FIL DOTÉ DE CE DISPOSITIF

Publication  
**EP 3046220 A4 20170531 (EN)**

Application  
**EP 14843413 A 20140912**

Priority  

- KR 20130110563 A 20130913
- KR 2014008544 W 20140912

Abstract (en)  
[origin: EP3046220A1] A charging control device comprises a capacitor, a comparison unit and a switching unit. The capacitor is charged with a voltage converted from power received from a wireless power sending device. The comparison unit compares the voltage of the capacitor with a reference voltage, and generates an output signal according to the result of the comparison. The switching unit is connected to the front end of the capacitor and is switched by means of the output signal from the comparison unit so as to control whether to supply the converted voltage to a load terminal.

IPC 8 full level  
**H02J 50/00** (2016.01); **H02J 7/00** (2006.01)

CPC (source: EP KR US)  
**H02J 5/00** (2013.01 - EP US); **H02J 7/00034** (2020.01 - EP KR US); **H02J 7/0068** (2013.01 - KR US); **H02J 7/00712** (2020.01 - KR US); **H02J 7/345** (2013.01 - KR); **H02J 50/005** (2020.01 - KR); **H02J 50/12** (2016.02 - EP KR US); **H02J 50/80** (2016.02 - EP KR US); **H04B 5/79** (2024.01 - KR); **H02J 7/345** (2013.01 - US)

Citation (search report)  

- [XY] JP 2012531176 A 20121206
- [Y] US 2004130913 A1 20040708 - GIANDALIA MARCO [IT], et al
- [Y] JP H07288981 A 19951031 - FUJI ELECTRIC CO LTD
- See also references of WO 2015037949A1

Cited by  
US2017222480A1; US10673275B2; US11394239B2; US11949240B2; US10700550B2; US11955805B2

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
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DOCDB simple family (application)  
**EP 14843413 A 20140912**; CN 201480062475 A 20140912; JP 2016542644 A 20140912; KR 20130110563 A 20130913; KR 2014008544 W 20140912; US 201415021593 A 20140912; US 201816053987 A 20180803; US 201916429943 A 20190603